F-2

Nucleotide and Predicted Translation Product for Human Hepatoma Derived Growth Factor-Like Protein (HDGF-2)

```
   1 GAATTCGTGCTCTTAGGGTGGTTGGGTGGTAAGATGGCGGCTGTGAGTCTGCGGCTCGGC
                                     M  A  A  V  S  L  R  L  G

  61 GACTTGGTGTGGGGGAAACTCGGCCGATATCCTCCTTGGCCAGGAAAGATTGTTAATCCA
     D  L  V  W  G  K  L  G  R  Y  P  P  W  P  G  K  I  V  N  P

 121 CCAAAGGACTTGAAGAAACCTCGCGGAAAGAAATGCTTCTTTGTGAAATTTTTTGGAACA
     P  K  D  L  K  K  P  R  G  K  K  C  F  F  V  K  F  F  G  T

 181 GAAGATCATGCCTGGATCAAAGTGGAACAGCTGAAGCCATATCATGCTCATAAAGAGGAA
     E  D  H  A  W  I  K  V  E  Q  L  K  P  Y  H  A  H  K  E  E

 241 ATGATAAAAATTAACAAGGGTAAACGATTCCAGCAAGCGGTAGATGCTGTCGAAGAGTTC
     M  I  K  I  N  K  G  K  R  F  Q  Q  A  V  D  A  V  E  E  F

 301 CTCAGGAGAGCCAAAGGGAAAGACCAGACGTCATCCCACAATTCTTCTGATGACAAGAAT
     L  R  R  A  K  G  K  D  Q  T  S  S  H  N  S  S  D  D  K  N

 361 CGACGTAATTCCAGTGAGGAGAGAAGTAGGCCAAACTCAGGTGATGAGAAGCGCAAACTT
     R  R  N  S  S  E  E  R  S  R  P  N  S  G  D  E  K  R  K  L

 421 AGCCTGTCTGAAGGGAAGGTGAAGAAGAACATGGGAGAAGGAAAGAAGAGGGTGTCTTCA
     S  L  S  E  G  K  V  K  K  N  M  G  E  G  K  K  R  V  S  S

 481 GGCTCTTCAGAGAGAGGCTCCAAATCCCCTCTGAAAAGAGCCCAAGAGCAAAGTCCCCGG
     G  S  S  E  R  G  S  K  S  P  L  K  R  A  Q  E  Q  S  P  R

 541 AAGCGGGGTCGGCCCCCAAAGGATGAGAAGGATCTCACCATCCCGGAGTCTAGTACCGTG
     K  R  G  R  P  P  K  D  E  K  D  L  T  I  P  E  S  S  T  V

 601 AAGGGGATGATGGCCGGACCGATGGCCGCGTTTAAATGGCAGCCAACCGCAAGCGAGCCT
     K  G  M  M  A  G  P  M  A  A  F  K  W  Q  P  T  A  S  E  P

 661 GTTAAAGATGCAGATCCTCATTTCCATCATTTCCTGCTAAGCCAAACAGAGAAGCCAGCT
     V  K  D  A  D  P  H  F  H  H  F  L  L  S  Q  T  E  K  P  A

 721 GTCTGTTACCAGGCAATCACGAAGAAGTTGAAAATATGTGAAGACCTCCTTCTTCCTAGG
     V  C  Y  Q  A  I  T  K  K  L  K  I  C  E  D  L  L  L  P  R

 781 TGAAGTGGGCAATGCAGCCAAGATGATGCTGATCGTGAACATGGTCCAAGGGAGCTTCAT
 841 GGCCACTATTGCCGAGGGGCTGACCCTGGCCCAGGTGACAGGCCAGTCCCAGCAGACACT
 901 CTTGGACATCCTCAATCAGGGACAGTTGGCCAGCATCTTCCTGGACCAGAAGTGCCAAAA
 961 TATCCTGCAAGGAAACTTTAAGCCTGATTTCTACCTGAAATACATTCAGAAGGATCTCCG
1021 CTTAGCCATTGCGCTGGGTGATGCGGTCAACCATCCGACTCCCATGGCAGCTGCAGCAAA
1081 TGAGGTGTACAAAAGAGCCAAGGCGCTGGACCAGTCTGACAACGATATGTCCGCCGTGTA
1141 CCGAGCCTACATACACTAAGCTGTCGACACCCCGCCCTCACCCCTCCAATCCCCCCTCTG
1201 ACCCCCTCTTCCTCACATGGGGTCGGGGGCCTGGGAGTTCATTCTGGTACCAGCCCACCT
1261 ATCTCCATTTCCTTTTATACAGACTTTGAGACTTGCCATCAGCACAGCACACAGCAGCAC
1321 CCTTCCCCTGAGGTCGGTGGGGAGGGGACAAGTGTCAGCAGGATTGGCGTGTGGGAAAGC
1381 TCTTGAGCTGGGCACTGGCCCCCCGGACGAGGTGGYTGTGTGTTCACACACACACACACA
1441 CACACACACACACACACACACACAGGCTCTCGCCCCAGGATAGAAGCTGCCCAGAAACTG
```

FIGURE 1 1/2

```
1501  CTGCCTGGCTTTTTTTCTTCCGAGCTTGTCTTATCTCAAACCCCTTCCAGTCAAGGAACT
1561  AGAATCAGCAACGAGAGTTGGAAGCCTTCCCACAGCTTCCCCCAGAGCGAAGAGGCTGTA
1621  GTCATGTCCCCATCCCCCACTGGATTCCCTACAAGGAGAGGCCTTGGGCCCAGATGAGCC
1681  AGTACAGACTCCAGACAGAGGGGCCCTTGGGGCCCTCCAACCTCAGGTGATGAGCTGAGA
1741  AAGATGTTCACGTCTAAGCGTCCAGTGTGCACCCAGCGCTCCATAGACGCCTTTGTGAAC
1801  TGAAAAGAGACTGGCAGAGTCCCGAGAAGATGGGGCCCTGGCTTTCCAGGGAGTGCAGCA
1861  AGCAGCCGGCCTGCAGGTGAGCATGGAGGCCCGGCCCTCACCGCCTCGAAGCCATGCCCC
1921  AGATGCCACTGCCACAGCGGGCGCTCGCTCCTCCCTAGGCTGTTTTAGTATTTGGATTTG
1981  CATTCCATCCCTTGGGAGGGAGTCCTCAGGGCCACTAGTGATGAGCCAAGAGGAGTGGGG
2041  GTTGGGGGCGCTCCTTTCTGTTTCCGTTAGGCCACAGACTCTTCACCTGGCTCTGACTTA
2101  CCTCGGTCCCCTCCCAGTGGTCCCACCTTCTCCACCCTGCCCTGCCAAGTCCCCTGCATG
2161  CCCACCGCTCTCCATCCTCC[illegible]TCCTCTCCCTCTTCCTCCCGTGGAGACAGTATTTCTTTC
2221  TGTCTGTCCCTTTGGCCCAG[illegible]CCAGCCTGACCAACGATGAGCATTTCTTAGGCTCAGCT
2281  CTTGATACGGAAACGAGTGTCTTCACTCCAGCCAGCATCATGGTCTTCGGTGCTTCCCGG
2341  GCCCGGGGTCTGTCGGGAGGGAAGAGAACTGGGCCTGACCTACCTGAACTGACTGGCCCT
2401  CCGAGGTGGGTCTGGGACATCCTAGAGGCCCTACATTTGTCCTTGGATAGGGGACCGGGG
2461  GGGGCTTGGAATGTTSCAAAAAAAAAAGTTACCCAAGGGATGTCAGTTTTTTATCCCTCT
2521  GCATGGGTTGGATTTTCCAAAATCATAATTTGCAGAAGGAAGGCCAGCATTTACGATGCA
2581  ATATGTAATTATATATAGGGTGGCCACACTAGGGCGGGGTCCTTCCCCCCTCACAGCTTT
2641  GGCCCCTTTCAGAGATTAGAAACTGGGTTAGAGGATTGCAGAAGACGAGTGGGGGGAGGG
2701  CAGGGAAGATGCCTGTCGGGTTTTTAGC[illegible]AGTTCATTTCACTGGGATTTTGAAGCATTT
2761  CTGTCTGAACACAAAGCCTGTTCTAGTC[illegible]GGCGGAACACACTGGGGGTGGGGGCGGGGG
2821  AAGATGCGGTAATGAAACCGGTTAGTCAATTTTGTCTTAATATTGTTGACAATTCTGTAA
2881  AGTTCCTTTTTATGAATATTTCTGTTTAAGCTATTTCACCTTTCTTTTGAAATCCTTCCC
2941  TTTTAAGGAGAAAATGTGACACTTTGTGAAAAAGCTTGTAAGAAAGCCCCTCCCTTTTTT
3001  CTTTAAACCTTTAAATGACAAATCTAGGTAATTAAGGTTGTGAATTTTTATTTTTGCTTT
3061  GTTTTTAATGAACATTTGTCTTTCAGAATAGGATTGTGTGATAATGTTTAAATGGSAAAA
3121  ACAAAACATGATTTTGTGCAATTAACAAAGCTACTGCAAGGAAAATAAAACACTTCTTGG
3181  TAACAAAAAAAAAAAAAAAAA  3202
```

FIGURE 1 2/2

Comparison of Amino Acid Sequences Between HDGF-1 and HDGF-2

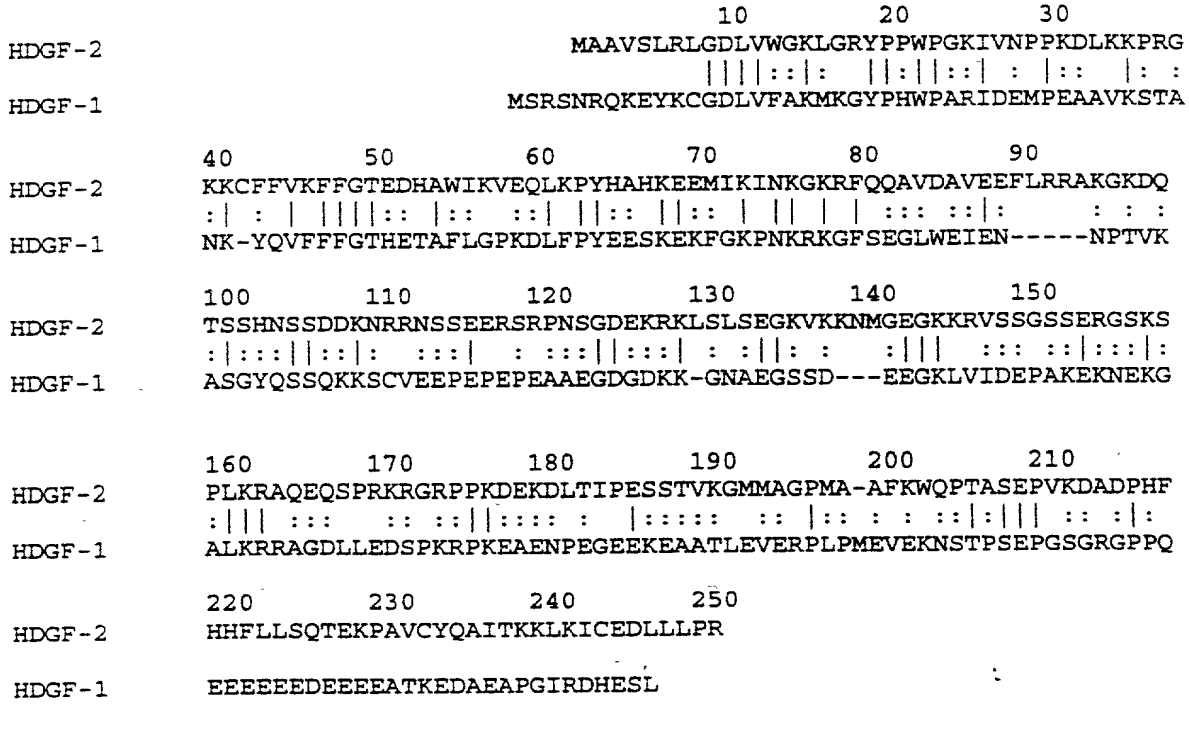

FIGURE 2 1/1